



Stabilization of HLA-A2 molecules on T2 Cells
by HIV-1(LA1)Rev CTL-motif containing peptides

Experiment:

No peptide added control

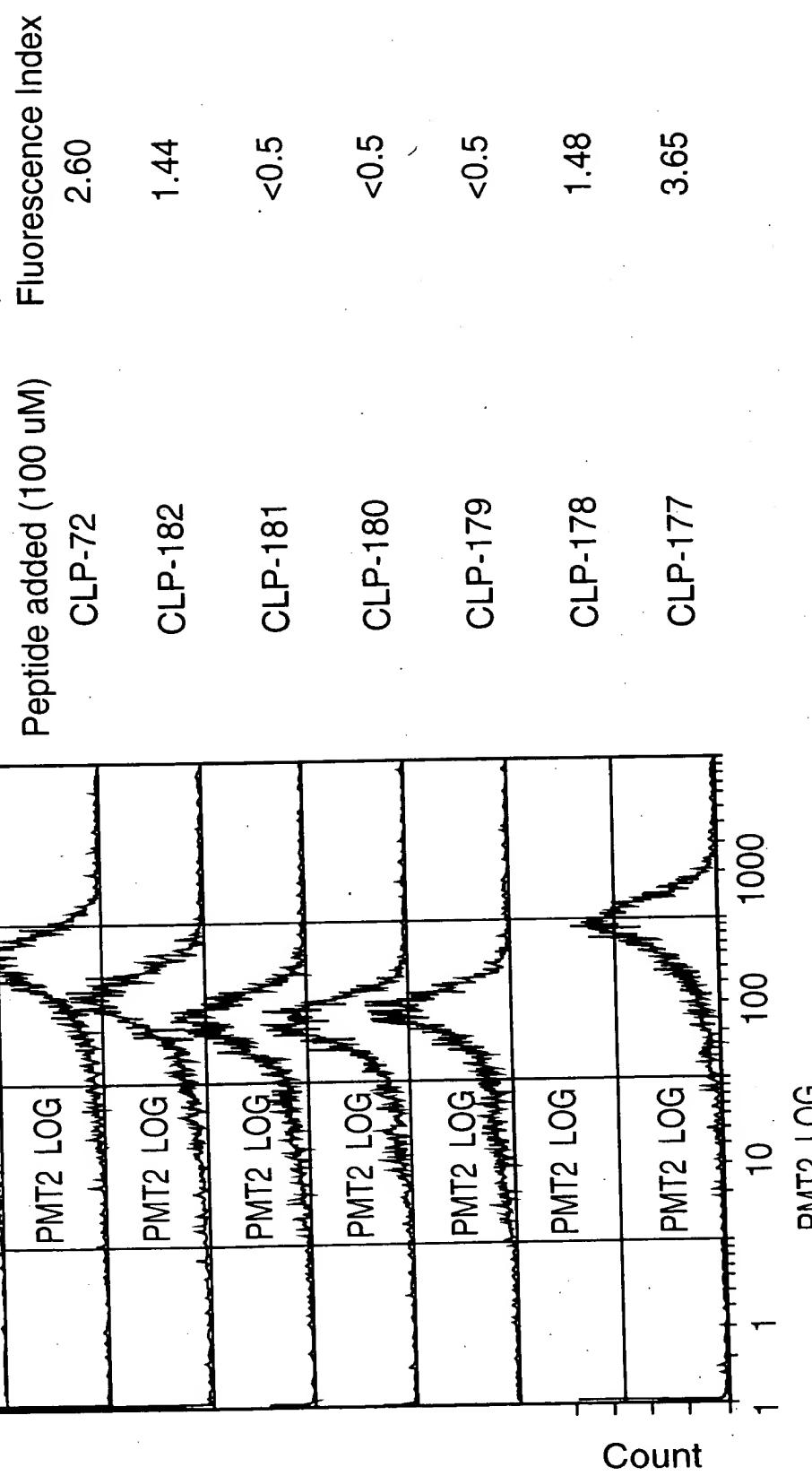
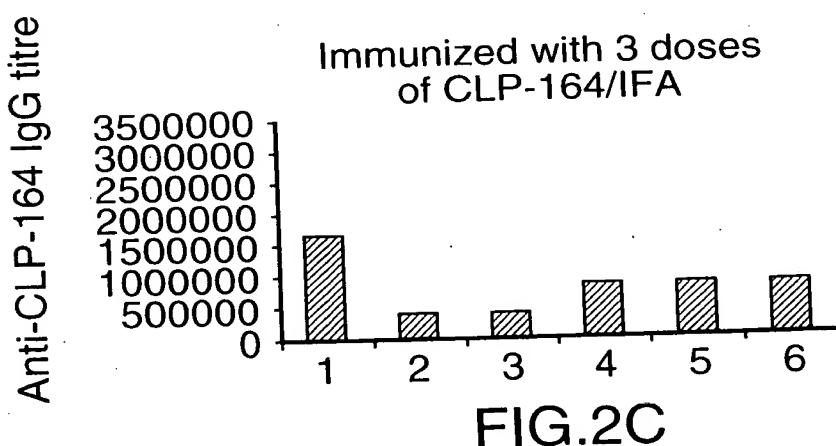
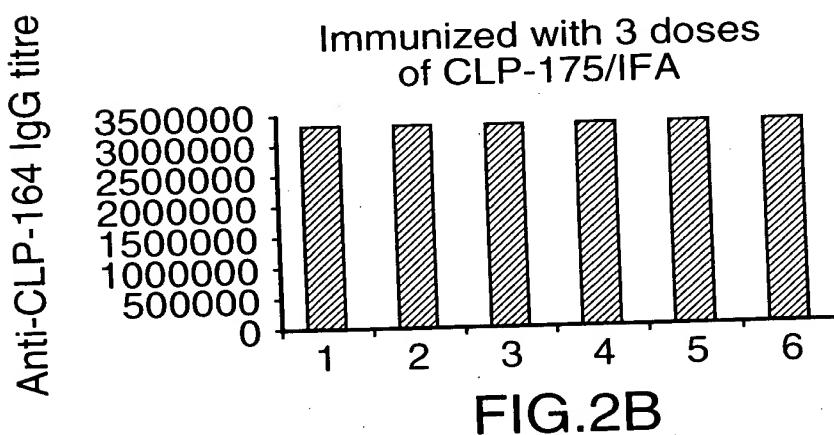
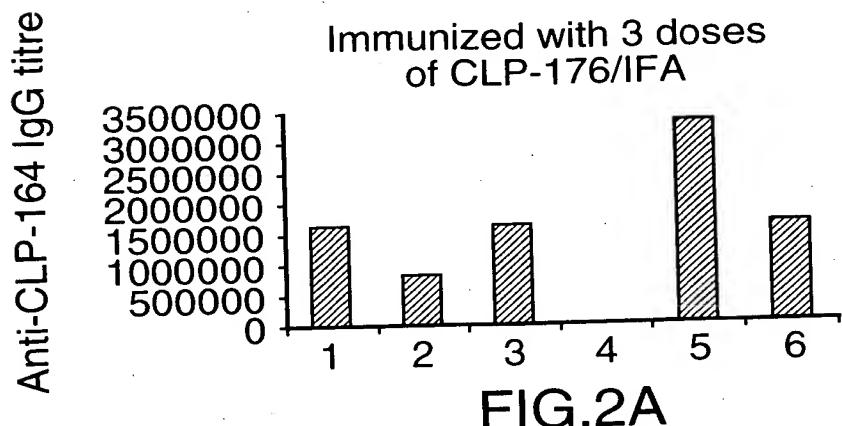


FIG. 1

Immunogenicity of HIV-1 (LAI)Rev
immunogens in A2Kb transgenic mice



Immunogenicity of HIV-1 (LAI)Rev
immunogens in A2Kb transgenic mice

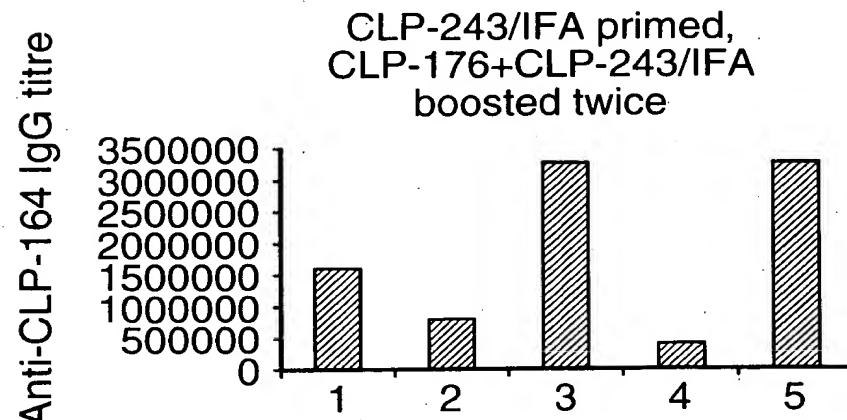


FIG.2D

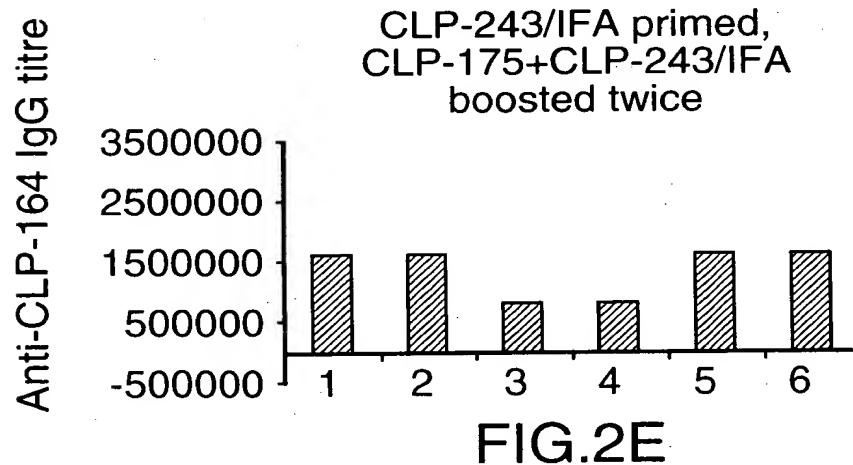


FIG.2E

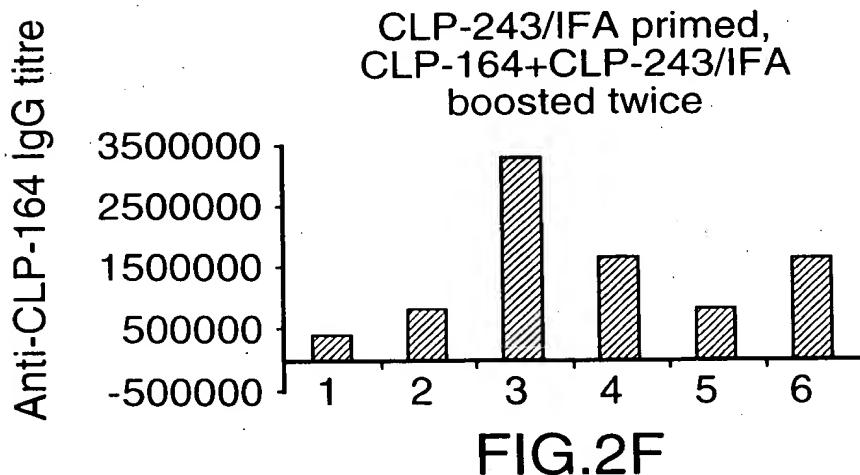
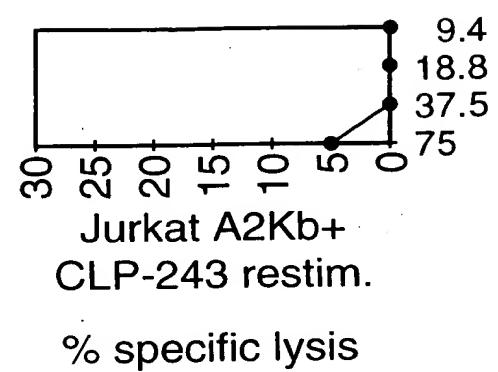
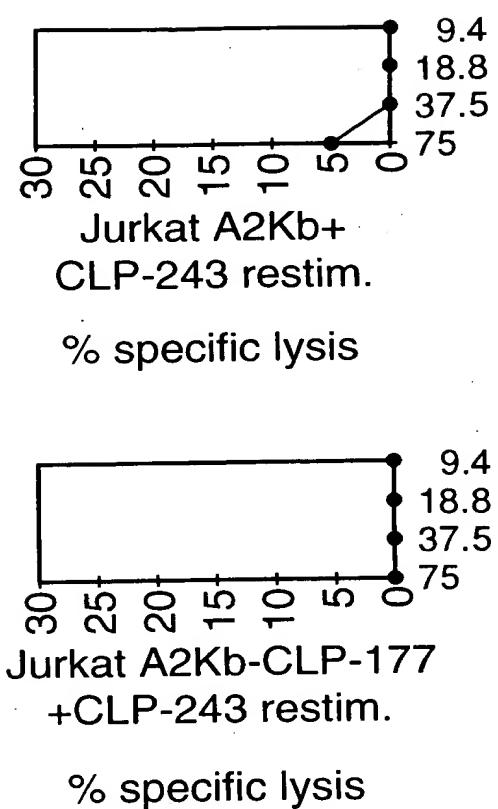
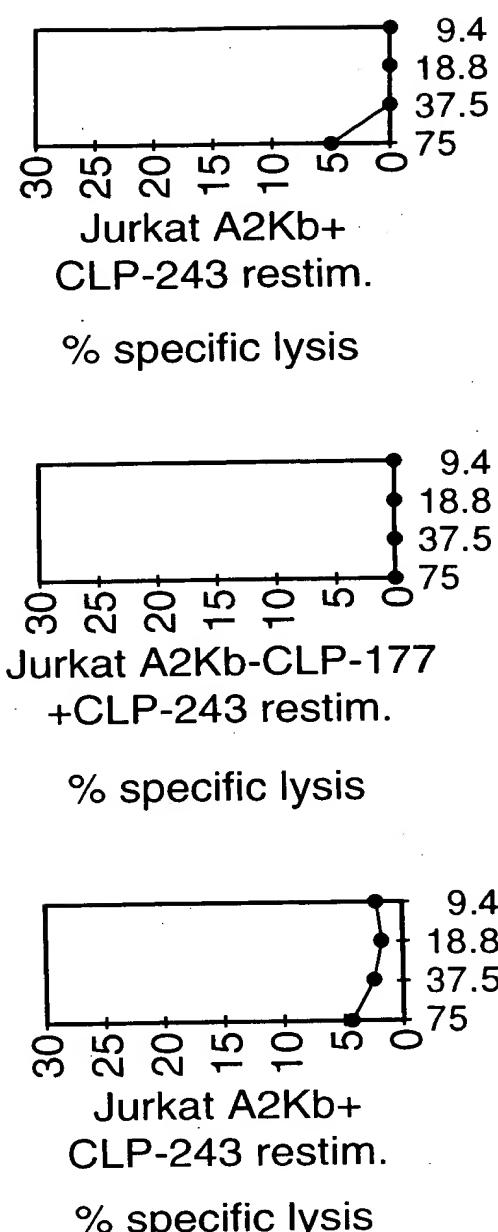
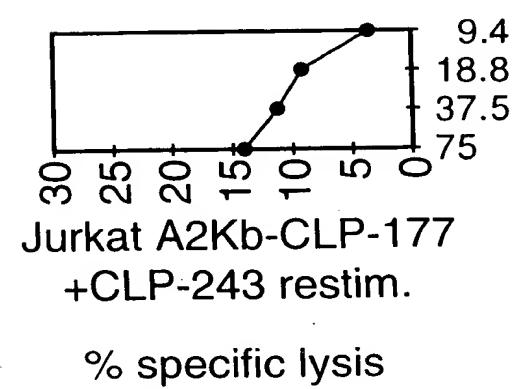


FIG.2F

HIV-1(LAI)Rev-specific CTL induction in A2Kb transgenic mice

CLP-243/IFA primed, CLP-243+ 175/IFA boosted (2x)

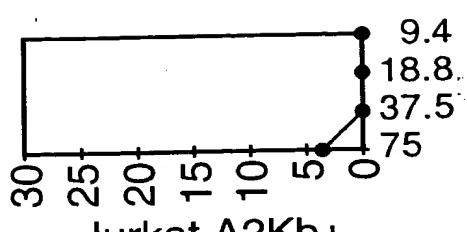
Jurkat A2Kb-CLP-177 target



HIV-1(LAI)Rev-specific CTL induction in A2Kb transgenic mice

CLP-243/IFA primed, CLP-243+ 176/IFA boosted (2x)

Jurkat A2Kb target

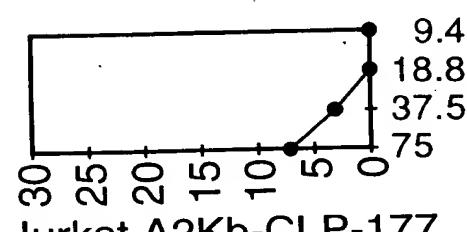


Jurkat A2Kb+
CLP-243 restim.

% specific lysis

E:T
FIG.3H

Jurkat A2Kb-CLP-177 target

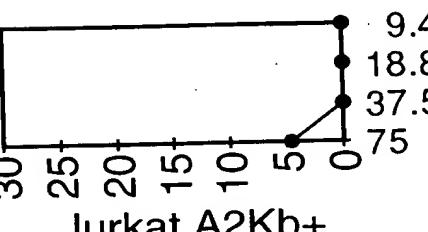


Jurkat A2Kb-CLP-177
+CLP-243 restim.

% specific lysis

E:T
FIG.3G

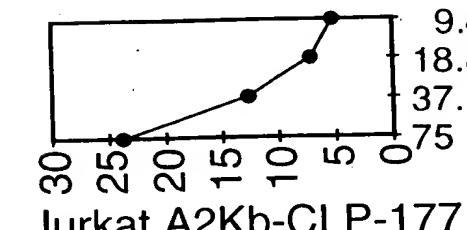
Jurkat A2Kb+
CLP-243 restim.



Jurkat A2Kb+
CLP-243 restim.

% specific lysis

E:T
FIG.3F



Jurkat A2Kb-CLP-177
+CLP-243 restim.

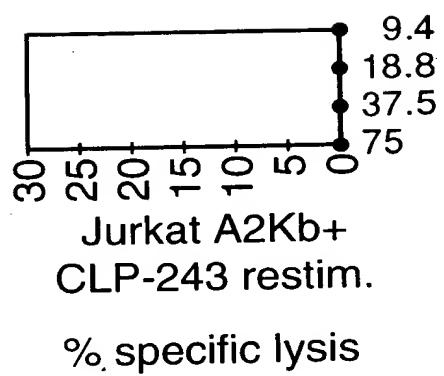
% specific lysis

E:T
FIG.3E

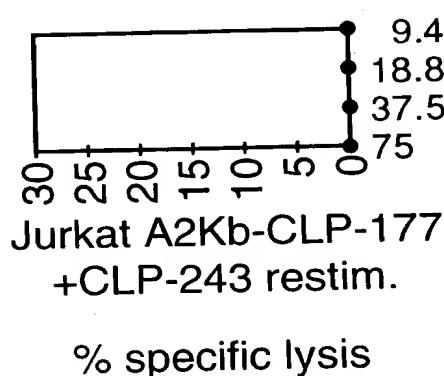
HIV-1(LAI)Rev-specific CTL induction in A2Kb transgenic mice

CLP-243/IIFA primed, CLP-243+ 164/IIFA boosted (2x)

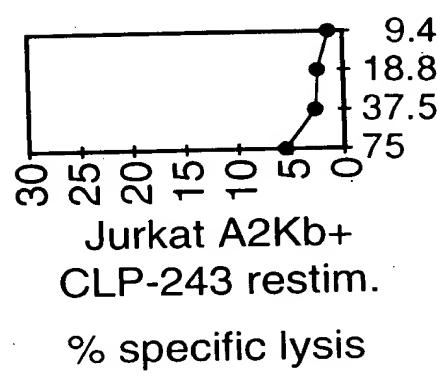
Jurkat A2Kb target



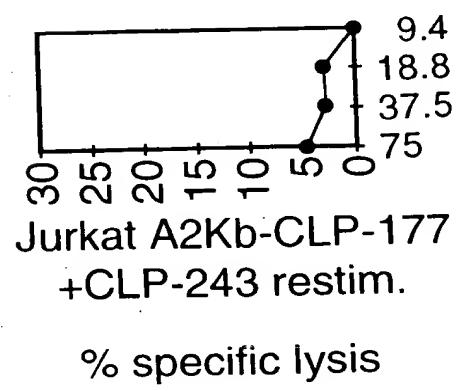
E:T
FIG.3L



E:T
FIG.3K



E:T
FIG.3J



E:T
FIG.3I

HIV-1(LAI)Rev-specific CTL induction in A2Kb transgenic mice

CLP-175/IFA immunized (3x)

Jurkat A2Kb-CLP-177 target

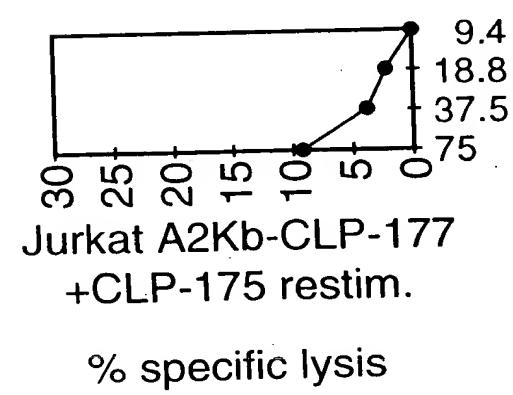


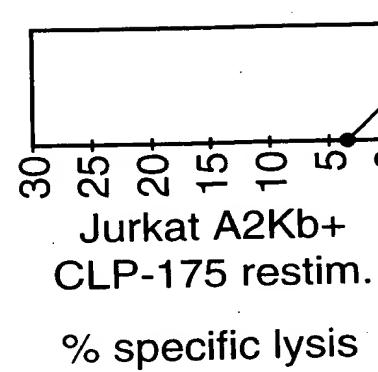
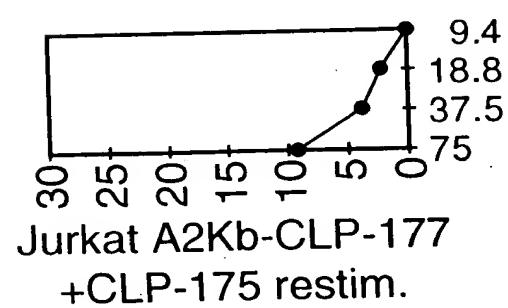
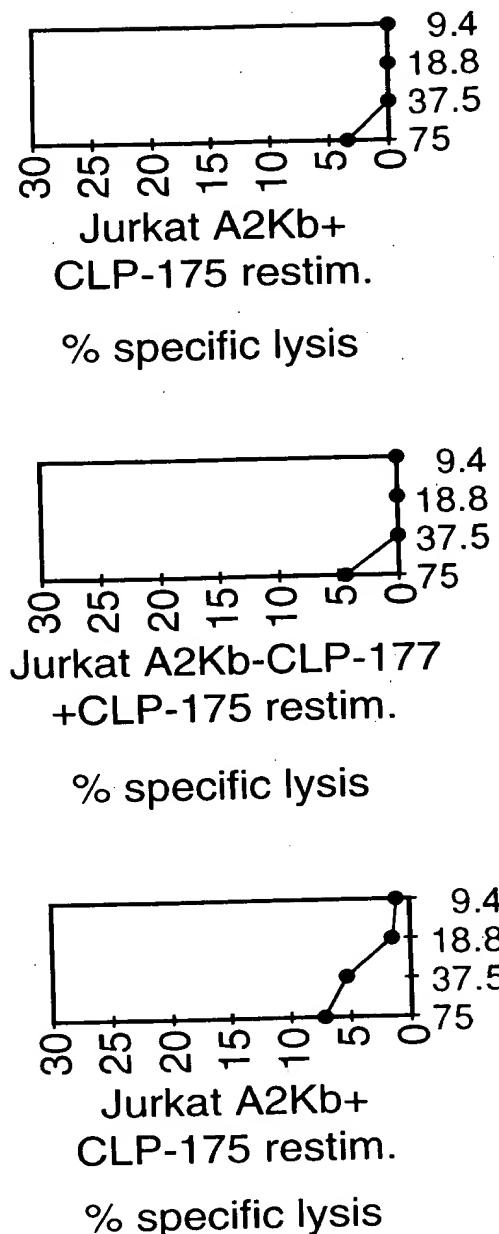
FIG.3M

FIG.3N

FIG.3O

FIG.3P

E:T

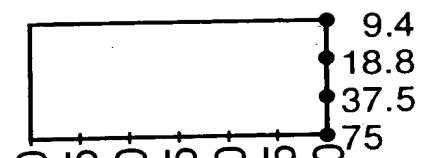


HIV-1(LAI)Rev-specific CTL induction in A2Kb transgenic mice

CLP-176/IIFA immunized (3x)

Jurkat A2Kb-CLP-177 target

Jurkat A2Kb target



Jurkat A2Kb+
CLP-176 restim.

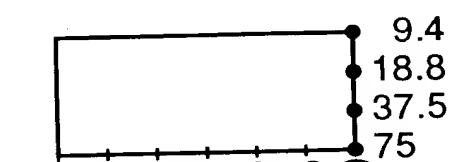
% specific lysis

E:T
FIG.3T

E:T
FIG.3S

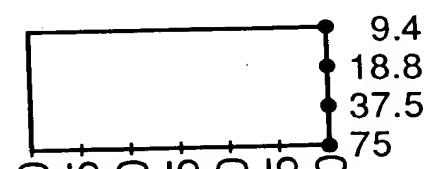
E:T
FIG.3R

E:T
FIG.3Q



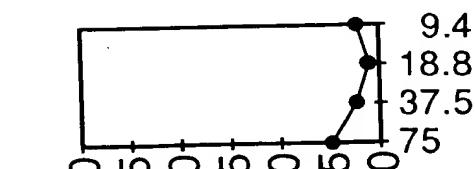
Jurkat A2Kb-CLP-177
+CLP-176 restim.

% specific lysis



Jurkat A2Kb+
CLP-176 restim.

% specific lysis



Jurkat A2Kb-CLP-177
+CLP-176 restim.

% specific lysis

HIV-1(LAI)Rev-specific CTL induction in A2Kb transgenic mice

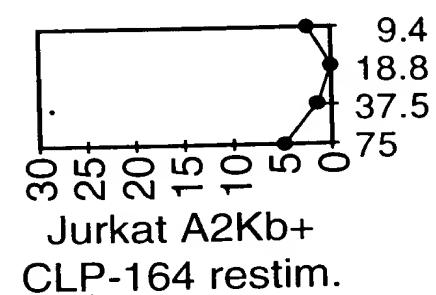
CLP-164/IFA immunized (3x)

Jurkat A2Kb-CLP-177 target

Jurkat A2Kb target

Jurkat A2Kb-CLP-177
+CLP-164 restim.

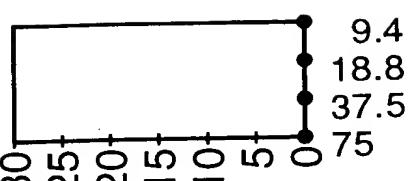
% specific lysis



% specific lysis

Jurkat A2Kb-CLP-177
+CLP-164 restim.

% specific lysis



Jurkat A2Kb+
CLP-164 restim.

% specific lysis

E:T
FIG.3X

E:T
FIG.3W

E:T
FIG.3V

E:T
FIG.3U